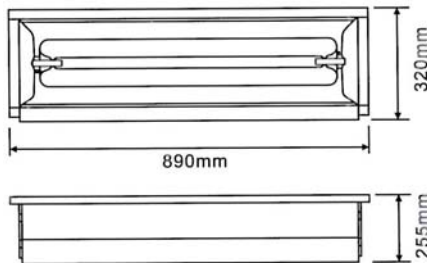


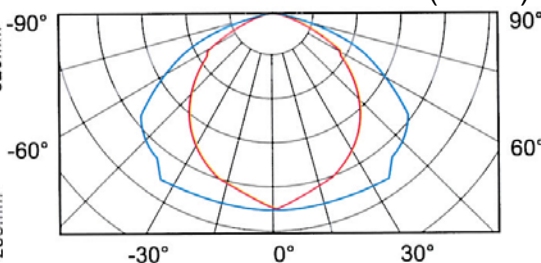
ULTRA-TECH™ LIGHTING

FREEZER-BRIGHT™

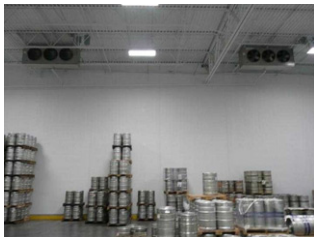
FZBT-TL-400WA3



- LUMENEC® tuned spectrum
- Color Rendition Index (CRI) > 95
- 100,000 hour life cycle
- 110V ~ 277V auto-sensing ballast
- Instant strike/re-strike
- Nano-reflector technology
- Powder-coated all-weather aluminum
- IP65 rated WF2 anti-corrosion grade
- Rated for -40° (-40°C)



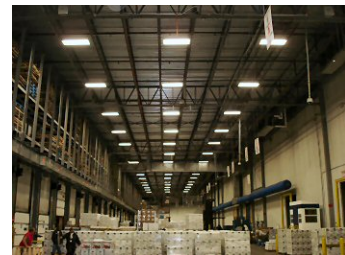
The Freezer-Bright™ 400-Watt rectangular wide-dispersion lamp can replace multiple fluorescent or metal halide fixtures and is ideal for wide area lighting in all types of



refrigerated spaces. In particular, the FZBT-TL-400WA3 can be mounted at any angle to provide illumination in high ceiling facilities. A single 400-Watt Freezer-Bright™ generates more visible light than four 400-Watt metal halide high-bays for more than 80% in electricity savings including ballast overheads. The operating temperature is warm to the touch and will not add to heat loads

like metal halide or LED drivers. Unique nano-particle reflector has better than a 97% reflectivity index to produce uniform fully diffused light without glare. Instant strike means never having to wait for a warm-up or cool-down. Negligible in-rush current assures no impact upon demand charges.

Unlike LEDs and fluorescents, Freezer-Bright™ lights do not flicker and will not harm the eye when directly viewed. With a rated lifecycle of 100,000 hours, Freezer-Bright™ fixtures can last more than eleven years, operating 24 hours x 365 days/yr, saving more than 900% in maintenance over fluorescent, 600% over metal halide, and 400% over LEDs.



Contact: Philip Gotthelf • (201) 784-1233 x 100 (office) • (201) 401-6068 (cell)
 PO Box 566, Closter, NJ 07624-0566

TECHNICAL SPECIFICATIONS

MODEL	FZBT-TL-400WA3
RATED WATTAGE	400W
VOLTAGE RANGE	120V~277V ± 15%
CURRENT	1.47A~3.40A
FREQUENCY	50/60Hz
POWER FACTOR	0.98
IN-RUSH CURRENT	NEGLIGIBLE
RFI PART 15/18	SHIELDED
NOISE	<20dB
TYPE	MAGNETIC INDUCTION
COLOR RENDITION INDEX	>.95
COLOR TEMPERATURE	~6500K UV TRUNCATED
CERTIFICATIONS	UL/UL-C/CCC/CE/FC/RoHS/CB
B.U.G. RATING	0/0/<110
UL-C	WET LOCATION
TEMPERATURE RANGE	-40°F ~ +140°F
RATING	IP65 WF2 ANTI-CORROSION
FINISH	WF2 ANTI-CORROSION
REFLECTOR	FULL-DIFFUSION NANO-PARTICLE
LUMENS PER WATT	95LPW~105LPW
VISUALLY EFFECTIVE LUMENS	277/W

FEATURES	MH	Fluorescent	LED	Freezer-Bright™	Other MIL
100,000 hour lifecycle (11 yrs @ 24hrs/365 days)	No	No	No	YES	Yes
Up to 80% energy savings	< 30%	None	Some	YES	Some
LUMENTEC® Technology	No	No	No	YES	No
Proprietary Reflector Geometry	No	No	No	YES	No
Instant strike - no warm up or cool down	No	No	Yes	YES	Yes
Full Spectrum with CRI > .95	Few	No	No	YES	Some
Color Temperatures > 6,500K	Rare	No	Rare	YES	Some
Exceptionally high power factor > .95	No	No	Some	YES	Some
Negligible "In-Rush" current	No	No	No	YES	YES
Unparalleled Warranty 5 years 50K hrs	No	No	Some	YES	Some
Fully recyclable, no special disposal	No	No	No	YES	Yes
Lease Financing Available	No	No	No	YES	No

